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*NOT ADMITTED TO PATENT BAR

September 8, 2008

Commissioner for Patents
PO Box 1450
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ATTN: Decision and Certificate of Correction
Branch of the Patent Issue Division

Re: Request for Certificate of Correction of Patent (37 CFR § 1.322)
U.S. Patent No. 7,407,811 B2
Date: September 8, 2008
Title: SYSTEM AND METHOD FOR ANALYTE MEASUREMENT USING
AC EXCITATION
Inventor(s): Burke, Kuhn, Beaty, Svetnik
Our Ref. No.: 7404-553


Dear Commissioner:

A Certificate of Correction of the above-identified Patent is respectfully requested to correct certain errors of a clerical or typographical nature or of minor character which appear in the Patent as issued.

The exact locations where the errors occur and the necessary corrections are indicated on the attached form PTO/SB/44 (10-96), which form as prepared is suitable for printing. It is believed that all of the errors as set out were made on the part of the Patent and Trademark Office. However, if any fees are required in order to complete the Certificate of Correction, please charge them to Deposit Account No. 23-3030.

Please send the Certificate to Woodard, Emhardt, Moriarty, McNett & Henry, LLP, 111 Monument Circle, Suite 3700, Indianapolis, Indiana 46204.

Sincerely yours,


Troy J. Cole, Reg. No. 35,102
Woodard, Emhardt, Moriarty, McNett & Henry LLP

Enclosure

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 7,407,811 B2

Page 1 of 3

APPLICATION NO.: 10/688,343

10/688,343

ISSUE DATE : August 5, 2008

INVENTOR(S) : Burke, Kuhn, Beaty, Svetnik

It is certified that error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 13, Equation 2, please replace the entire equation with:

$$\begin{aligned} \text{PRED} = & (a_0 + \text{hct}_1 H_{\text{est}} + \text{hct}_2 H_{\text{est}}^2 + \tau_1 dT + \tau_2 dT^2) \\ & + (a_1 DC)(1 + \text{hct}_3 H_{\text{est}} + \text{hct}_4 H_{\text{est}}^2)(1 + \tau_3 dT + \tau_4 dT^2) \end{aligned}$$

Column 14, Equation 4, please replace the entire equation with:

$$\begin{aligned} \text{PRED} = & (a_0 + \text{hct}_1 H_{\text{est}} + \text{hct}_2 H_{\text{est}}^2 + \tau_1 dT + \tau_2 dT^2) \\ & + (a_1 P_{\text{eff}})(1 + \text{hct}_3 H_{\text{est}} + \text{hct}_4 H_{\text{est}}^2)(1 + \tau_3 dT + \tau_4 dT^2) \end{aligned}$$

Column 18, Equation 8, please replace the entire equation with:

$$\begin{aligned} \text{PRED} = & (a_0 + \text{hct}_1 H_{\text{est}} + \text{hct}_2 H_{\text{est}}^2 + \tau_1 dT + \tau_2 dT^2) \\ & + (a_1 DC)(1 + \text{hct}_3 H_{\text{est}} + \text{hct}_4 H_{\text{est}}^2)(1 + \tau_3 dT + \tau_4 dT^2) \end{aligned}$$

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ISSUE DATE : August 5, 2008

INVENTOR(S) : Burke, Kuhn, Beaty, Svetnik

It is certified that error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 22, Equation 13, please replace the entire equation with:

$$\begin{aligned} \text{PRED} = & (a_0 + \text{hct}_1 H_{\text{est}} + \text{hct}_2 H_{\text{est}}^2 + \tau_{\text{est}1} T_{\text{est}} + \tau_{\text{est}2} T_{\text{est}}^2) \\ & + (a_1 \text{DC})(1 + \text{hct}_3 H_{\text{est}} + \text{hct}_4 H_{\text{est}}^2)(1 + \tau_{\text{est}3} T_{\text{est}} + \tau_{\text{est}4} T_{\text{est}}^2) \end{aligned}$$

Column 39, Claim 114 should be replaced in its entirety with:

--The method of claim 104, wherein said determining a third value comprises determining the glucose concentration using

$$\begin{aligned} \text{PRED} = & (a_0 + \text{hct}_1 H_{\text{est}} + \text{hct}_2 H_{\text{est}}^2 + \tau_1 dT + \tau_2 dT^2) \\ & + (a_1 \text{DC})(1 + \text{hct}_3 H_{\text{est}} + \text{hct}_4 H_{\text{est}}^2)(1 + \tau_3 dT + \tau_4 dT^2) \end{aligned}$$

Where: PRED is the glucose concentration,

DC is the second admittance response,

a_0 , a_1 , hct , hct_2 , hct_3 , hct_4 , τ_1 , τ_2 , τ_3 and τ_4 are constants,

H_{est} is the hematocrit value, and

dT is the temperature value.--

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ISSUE DATE : August 5, 2008

INVENTOR(S) : Burke, Kuhn, Beaty, Svetnik

It is certified that error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 40, Claim 125 should be replaced in its entirety with:

--The method of claim 115, wherein step (g) comprises determining the glucose concentration using

$$\text{PRED} = (a_0 + \text{hct}_1 H_{\text{est}} + \text{hct}_2 H_{\text{est}}^2 + \tau_1 dT + \tau_2 dT^2) \\ + (a_1 \text{DC})(1 + \text{hct}_3 H_{\text{est}} + \text{hct}_4 H_{\text{est}}^2)(1 + \tau_3 dT + \tau_4 dT^2)$$

Where: PRED is the glucose concentration,

DC is the second admittance response,

a_0 , a_1 , hct , hct_2 , hct_3 , hct_4 , τ_1 , τ_2 , τ_3 and τ_4 are constants,

H_{est} is the hematocrit value, and

dT is the temperature value.--

MAILING ADDRESS OF SENDER:

Woodard, Emhardt, Moriarty, McNett & Henry LLP
Attention: Troy J. Cole, Reg. No. 35,102
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